

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please amend claim 20, as follows:

Listing of Claims:

Claims 1-8. (Canceled)

9. (Previously Presented) A cathode ray tube, comprising:

a face panel;

at least one filter layer formed on an inner surface of said face panel, said at least one filter layer comprising oxide particles and nano-sized metal particulates adhered to a surface of the oxide particles with a surface plasma resonance phenomenon being triggered at corresponding interfaces of the nano-sized metal particulates and the oxide particles to selectively absorb light at least at one predetermined wavelength of light; and

a phosphor layer formed on a filter layer of said at least one filter layer.

10. (Previously Presented) The cathode ray tube of claim 9, wherein said at least one filter layer provides at least one selective absorption peak for light at a corresponding predetermined wavelength of light by induction of the surface plasma resonance phenomenon at the corresponding interfaces between the nano-sized metal particulates and the oxide particles.

1 11. (Previously Presented) The cathode ray tube of claim 10, said at least one filter layer
2 including a plurality of kinds of metals and oxides for the nano-sized metal particulates and the oxide
3 particles to provide a plurality of differing selective absorption peaks for corresponding wavelengths
4 of light.

1 12. (Previously Presented) The cathode ray tube of claim 10, said at least one filter layer
2 including a plurality of filter layers, each being formed to respectively provide a plurality of selective
3 absorption peaks for light at corresponding different wavelengths of light.

1 13. (Previously Presented) The cathode ray tube of claim 9, wherein said at least one filter
2 layer is formed on an outer surface of said face panel.

1 14. (Previously Presented) The cathode ray tube of claim 13, said at least one filter layer
2 including a plurality of kinds of metals and oxides for the oxide particles and the nano-sized metal
3 particulates to provide a plurality of differing selective absorption peaks for corresponding
4 wavelengths of light.

1 15. (Previously Presented) The cathode ray tube of claim 13, said at least one filter layer
2 including a plurality of filter layers formed to respectively provide a plurality of selective absorption
3 peaks for light at corresponding different wavelengths of light.

1 16. (Previously Presented) The cathode ray tube of claim 13, further comprising a conductive

2 film located between the outer surface of said face panel and a filter layer of said at least one filter
3 layer.

1 17. (Previously Presented) The cathode ray tube of claim 13, said at least one filter layer
2 providing an anti-reflection layer.

1 18. (Previously Presented) A cathode ray tube, comprising:
2 a face panel;
3 at least one first filter layer formed on an inner surface of the face panel;
4 at least one second filter layer formed on an outer surface of the face panel; and
5 a phosphor layer formed on a filter layer of said at least one first filter layer, said at least one
6 first filter layer and said at least one second filter layer each comprising oxide particles and nano-
7 sized metal particulates adhered to a surface of the oxide particles, said at least one first filter layer
8 and said at least one second filter layer each providing at least one selective absorption peak for light
9 at a corresponding predetermined wavelength of light by induction of a surface plasma resonance
10 phenomenon at corresponding interfaces between the nano-sized metal particulates and the oxide
11 particles.

1 19. (Previously Presented) The cathode ray tube of claim 18, wherein any of said at least one
2 first filter layer and said at least one second filter layer includes a plurality of metals and oxides for
3 the oxide particles and the nano-sized metal particulates to provide a plurality of differing selective
4 absorption peaks for corresponding wavelengths of light.

1 20. (Currently Amended) The cathode ray tube of claim 18[[]], wherein any of said at least
2 one first filter layer and said at least one second filter layer includes a plurality of filter layers formed
3 to respectively provide a plurality of selective absorption peaks for light at corresponding different
4 wavelengths of light.

1 21. (Previously Presented) The cathode ray tube of claim 18, further comprising a conductive
2 film located between the outer surface of the face panel and a filter layer of said at least one second
3 filter layer.

1 22. (Previously Presented) The cathode ray tube of claim 18, said at least one second filter
2 layer providing an anti-reflection layer.

1 23. (Previously Presented) A plasma display panel, comprising:
2 a rear substrate including a plurality of address electrodes disposed on the rear substrate, and
3 a first dielectric layer disposed on the rear substrate and covering the plurality of address electrodes;
4 a plurality of spacers disposed on the first dielectric layer, adjacent ones of said plurality of
5 spacers being respectively positioned in opposing relation with respect to an address electrode of said
6 plurality of address electrodes to provide a corresponding discharge space;
7 a plurality of phosphor layers disposed on the first dielectric layer, each of said plurality of
8 phosphor layers being respectively formed in a corresponding discharge space provided by adjacent
9 ones of said plurality of spaces;

10 a front substrate including a plurality of scan electrodes and a plurality of common electrodes
11 disposed on the front substrate in a direction transverse to a direction of said plurality of address
12 electrodes;

13 at least one filter layer disposed on said front substrate and covering the plurality of scan
14 electrodes and the plurality of common electrodes, said at least one filter layer comprising oxide
15 particles and nano-sized metal particulates adhered to a surface of the oxide particles, said at least
16 one filter layer providing at least one selective absorption peak for light at a corresponding
17 predetermined wavelength of light by induction of a surface plasma resonance phenomenon at
18 corresponding interfaces between the nano-sized metal particulates and the oxide particles;

19 a second dielectric layer disposed on a filter layer of said at least one filter layer; and

20 a protective layer disposed on said second dielectric layer.

1 24. (Previously Presented) The plasma display panel of claim 23, said at least one filter layer
2 including a plurality of kinds of metals and oxides for the oxide particles and the nano-sized metal
3 particulates to provide a plurality of differing selective absorption peaks for corresponding
4 wavelengths of light.

1 25. (Previously Presented) The plasma display panel of claim 23, said at least one filter layer
2 including a plurality of filter layers formed to respectively provide a plurality of selective absorption
3 peaks for light at corresponding different wavelengths of light.

1 26. (Previously Presented) A plasma display panel, comprising:

a rear substrate including a plurality of address electrodes disposed on the rear substrate, and
a first dielectric layer disposed on the rear substrate and covering the plurality of address electrodes;

a plurality of spacers disposed on the first dielectric layer, adjacent ones of said plurality of
spacers being respectively positioned in opposing relation with respect to an address electrode of said
plurality of address electrodes to provide a corresponding discharge space;

a plurality of phosphor layers disposed on the first dielectric layer, each of said plurality of
phosphor layers being respectively formed in a corresponding discharge space provided by adjacent
ones of said plurality of spacers;

a front substrate including a plurality of scan electrodes and a plurality of common electrodes
disposed on the front substrate in a direction transverse to a direction of said plurality of address
electrodes, and a second dielectric layer disposed on said front substrate and covering said plurality
of scan electrodes and said plurality of common electrodes;

at least one filter layer disposed on the second dielectric layer, said at least one filter layer
comprising oxide particles and nano-sized metal particulates adhered to a surface of the oxide
particles, said at least one filter layer providing at least one selective absorption peak for light at a
corresponding predetermined wavelength of light by induction of a surface plasma resonance
phenomenon at corresponding interfaces between the nano-sized metal particulates and the oxide
particles;

a third dielectric layer disposed on a filter layer of said at least one filter layer; and

a protective layer disposed on said third dielectric layer.

27. (Previously Presented) The plasma display panel of claim 26, said at least one filter layer

including a plurality of kinds of metals and oxides for the oxide particles and the nano-sized metal particulates to provide a plurality of differing selective absorption peaks for corresponding wavelengths of light.

28. (Previously Presented) The plasma display panel of claim 26, said at least one filter layer including a plurality of filter layers formed to respectively provide a plurality of selective absorption peaks for light at corresponding different wavelengths of light.

29. (Previously Presented) A plasma display panel, comprising:

a rear substrate including a plurality of address electrodes disposed on the rear substrate, and a first dielectric layer disposed on the rear substrate and covering the plurality of address electrodes;

a plurality of spacers disposed on the first dielectric layer, adjacent ones of the plurality of spacers being respectively positioned in opposing relation with respect to an address electrode of said plurality of address electrodes to provide a corresponding discharge space;

a plurality of phosphor layers disposed on the first dielectric layer, each of said plurality of phosphor layers being respectively formed in a corresponding discharge space provided by adjacent ones of said plurality of spacers;

a front substrate including a plurality of scan electrodes and a plurality of common electrodes disposed on the front substrate in a direction transverse to a direction of said plurality of address electrodes, and a second dielectric layer disposed on said front substrate and covering said plurality of scan electrodes and said plurality of common electrodes;

at least one filter layer disposed on said second dielectric layer, said at least one filter layer

15 comprising oxide particles and nano-sized metal particulates adhered to a surface of the oxide
16 particles, said at least one filter layer providing at least one selective absorption peak for light at a
17 corresponding predetermined wavelength of light by induction of a surface plasma resonance
18 phenomenon at corresponding interfaces between the nano-sized metal particulates and the oxide
19 particles; and

20 a protective layer disposed on a filter layer of said at least one filter layer.

1 30. (Previously Presented) The plasma display panel of claim 29, said at least one filter layer
2 including a plurality of kinds of metals and oxides for the oxide particles and the nano-sized metal
3 particulates to provide a plurality of differing selective absorption peaks for corresponding
4 wavelengths of light.

1 31. (Previously Presented) The plasma display panel of claim 29, said at least one filter layer
2 including a plurality of filter layers formed to respectively provide a plurality of selective absorption
3 peaks for light at corresponding different wavelengths of light.

Claims 32-35. (Canceled)